
U.S. Pat. No. 5,229,588 to Detwiler et al.

C¹ discloses a dual aperture optical scanner which includes horizontal and vertical apertures. The scanning light beams from a single laser diode pass through these apertures to provide coverage for the bottom and sides of a scanned item.

Col. 1, lines 16-20, delete the paragraph and substitute the following paragraph:

C² While this scanner requires much less item orientation than a single aperture scanner, it is not capable of scanning the top of items. Therefore, it would be desirable to provide an optical scanner which is capable of scanning the top, bottom and sides of a typical merchandise item using an increased number of scan lines.
